

400 Garden City Plaza - Suite 300
Garden City, New York 11530
(516) 742-4343 - Telephone
(516) 742-4366 - Facsimile
e-mail: intprop@ssmp.com

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To:	Examiner: Johannes P. Mondt Art Unit: 3663	From:	Yongzhi Yang
Fax:	571-273-8300	Pages:	29 pages including fax cover sheet
Phone:		Date:	7/20/2006
Re:	U.S. Patent Appln. 10/775,514 Filed: February 10, 2004 Docket: YOR920010308US3 (16315B) Confirmation No. 1038	CC:	

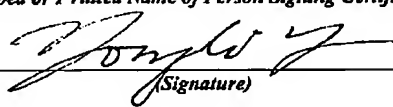
RESPONSE TO OFFICE ACTION

Please see the following documents:

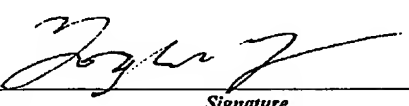
1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response Under 37 C.F.R. § 1.111 (16 pages)
4. General Transmittal (in duplicate)
5. Declaration Under 37 C.F.R. § 1.132 (6 pages)
6. Certificate of transmission by facsimile dated July 20, 2006

If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343.
Thank you.


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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Jack O. Chu, et al.			Docket No. YOR920010308US3 (16315B)	
Application No. 10/775,514	Filing Date February 10, 2004	Examiner Johannes P. Mondt	Group Art Unit 3663	
Invention: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si1-x-y GexCy AND Si1-yCy ALLOY LAYERS ON Si BY UHV-CVD				
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<u>Yongzhi Yang</u> (Typed or Printed Name of Person Signing Certificate)  (Signature)				
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P18/REV02

AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. YOR920010308US3 (16315B)	
Applicant(s): Jack O. Chu, et al.						
Application No. 10/775,514	Filing Date February 10, 2004	Examiner Johannes P. Mondt	Customer No. 23389	Group Art Unit 3663	Confirmation No. 1038	
Invention: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si1-x-y GexCy AND Si1-yCy ALLOY LAYERS ON Si BY UHV-CVD					RECEIVED CENTRAL FAX CENTER JUL 20 2006	
<u>COMMISSIONER FOR PATENTS:</u>						
Transmitted herewith is an amendment in the above-identified application.						
The fee has been calculated and is transmitted as shown below.						
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	31 -	32 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	6 -	6 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.						
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 Signature			Dated: July 20, 2006			
Yongzhi Yang Registration No. 56,310 SCULLY, SCOTT, MURPHY & PRESSER, P.C. 400 Garden City Plaza - Suite 300 Garden City, New York 11530			<div style="border: 1px solid black; padding: 5px;"> I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date) _____ Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Correspondence </div>			
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P11LARGE/REV09

AMENDMENT TRANSMITTAL LETTER (Large Entity)				Docket No. YOR920010308US3 (16315B)	
Applicant(s): Jack O. Chu, et al.					
Application No. 10/775,514	Filing Date February 10, 2004	Examiner Johannes P. Mondt	Customer No. 23389	Group Art Unit 3663	Confirmation No. 1038
Invention: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si1-x-y GexCy AND Si1-yCy ALLOY LAYERS ON Si BY UHV-CVD					
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Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
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INDEP. CLAIMS	6 -	6 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
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P11LARGE/REV09

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Jack O. Chu, et al.			Docket No. YOR920010308US3 (16315B)	
Application No. 10/775,514	Filing Date February 10, 2004	Examiner Johannes P. Mondt	Group Art Unit 3663	
Invention: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si_{1-x-y}GexCy AND Si_{1-y}Cy ALLOY LAYERS ON SI BY UHV-CVD			RECEIVED CENTRAL FAX CENTER JUL 20 2006	
<p>I hereby certify that this <u>DECLARATION UNDER 37 C.F.R. §1.132</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-8300</u>) on <u>July 20, 2006</u> (Date)</p> <p style="text-align: center;"><u>Yongzhi Yang</u> (Typed or Printed Name of Person Signing Certificate)  (Signature)</p> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p>				

P18/REV02

TRANSMITTAL LETTER
(General - Patent Pending)Docket No.
YOR920010308US3 (16315B)In Re Application Of: **Jack O. Chu, et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/775,514	February 10, 2004	Johannes P. Mondt	23389	3663	1038

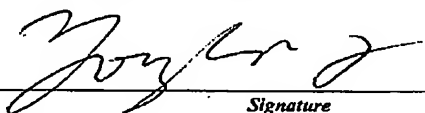
Title: **EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si1-x-y GexCy AND Si1-yCy
ALLOY LAYERS ON Si BY UHV-CVD****COMMISSIONER FOR PATENTS:**

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DECLARATION UNDER 37 C.F.R. §1.132

In the above identified application.

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- ☐ A check in the amount of _____ is attached.
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SignatureDated: **July 20, 2006**Yongzhi Yang
Registration No. 56,310
SCULLY, SCOTT, MURPHY & PRESSER, P.C.
400 Garden City Plaza - Suite 300
Garden City, New York 11530

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P16A/REV03

TRANSMITTAL LETTER (General - Patent Pending)				Docket No. YOR920010308US3 (16315B)									
In Re Application Of: Jack O. Chu, et al.													
Application No. 10/775,514	Filing Date February 10, 2004	Examiner Johannes P. Mondt	Customer No. 23389	Group Art Unit 3663	Confirmation No. 1038								
Title: EPITAXIAL AND POLYCRYSTALLINE GROWTH OF Si1-x-y GexCy AND Si1-yCy ALLOY LAYERS ON Si BY UHV-CVD													
<u>COMMISSIONER FOR PATENTS:</u>													
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 _____ Signature			Dated: July 20, 2006										
Yongzhi Yang Registration No. 56,310 SCULLY, SCOTT, MURPHY & PRESSER, P.C. 400 Garden City Plaza - Suite 300 Garden City, New York 11530			<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td></tr><tr><td colspan="2" style="text-align: center;">(Date)</td></tr><tr><td colspan="2" style="text-align: center;">_____ Signature of Person Mailing Correspondence</td></tr><tr><td colspan="2" style="text-align: center;">_____ Typed or Printed Name of Person Mailing Correspondence</td></tr></table>			I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____		(Date)		_____ Signature of Person Mailing Correspondence		_____ Typed or Printed Name of Person Mailing Correspondence	
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P18A/REV03